

## ELECTRIC LOCKS

## AL-131 Series Electric Strike User Manual



Welcome to use Advanced Lock products. In order to protect your rights and interests, read this User Manual carefully before use. Please contact the dealer or the manufacturer in case of query.

**Applicable Range:** This lock is applicable for use together with anode mechanical lock or ball lock in office buildings, wooden doors, stainless steel doors, fire doors and entrance gate of residence community.

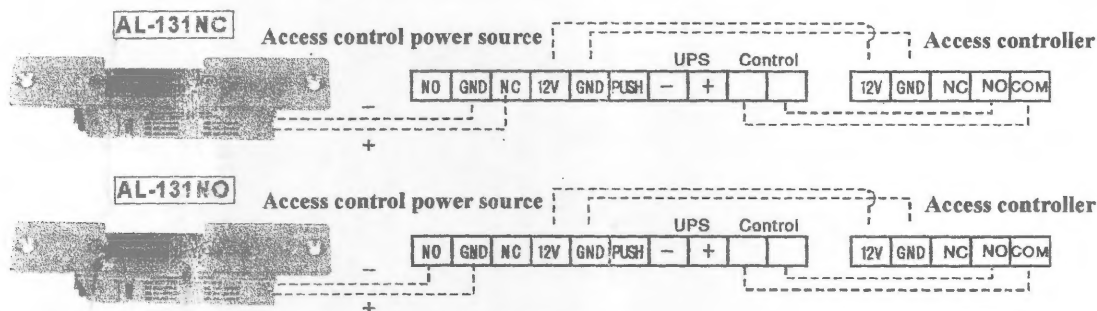
**Product Advantage:** Recessed type installation, pleasant-looking appearance, wide lock mouth and more extensive application. The electromagnetic part adopts high-quality magnetic materials and special processing workmanship to ensure normal use and no residual magnetism even after long time operation.

**Door Opening:** 90° and available for load of 400kg

**Electrical Property:** Users can select appropriate products with different models and functions based on the following table. Customization is available according to users' requirements.

Model	Voltage (DC)	Current (mA)	Unlock Method	Customization is available for products with 6-24VDC;
AL-131NO	12V $\pm$ 15%	240	NO - unlock by connecting power	
AL-131NC	12V $\pm$ 15%	120	NC - unlock by disconnecting power	

**Wiring:** 1. One diode is an accessory provided in the accessory bag. The diode is used to prevent bounce-back current and voltage produced during locking or unlocking from affecting the access control mainframe. Users can connect the diode to the wiring terminal in parallel.



- Precautions:**
1. Read this User Manual carefully before installing the electric strike.
  2. Select qualified power source and wires to avoid insufficient locking force caused by abnormal power supply.
  3. This lock has no delay function. If delay function is necessary, it shall be used together with the controller.

## AL-131 Series Electric Strike Installation Drawing

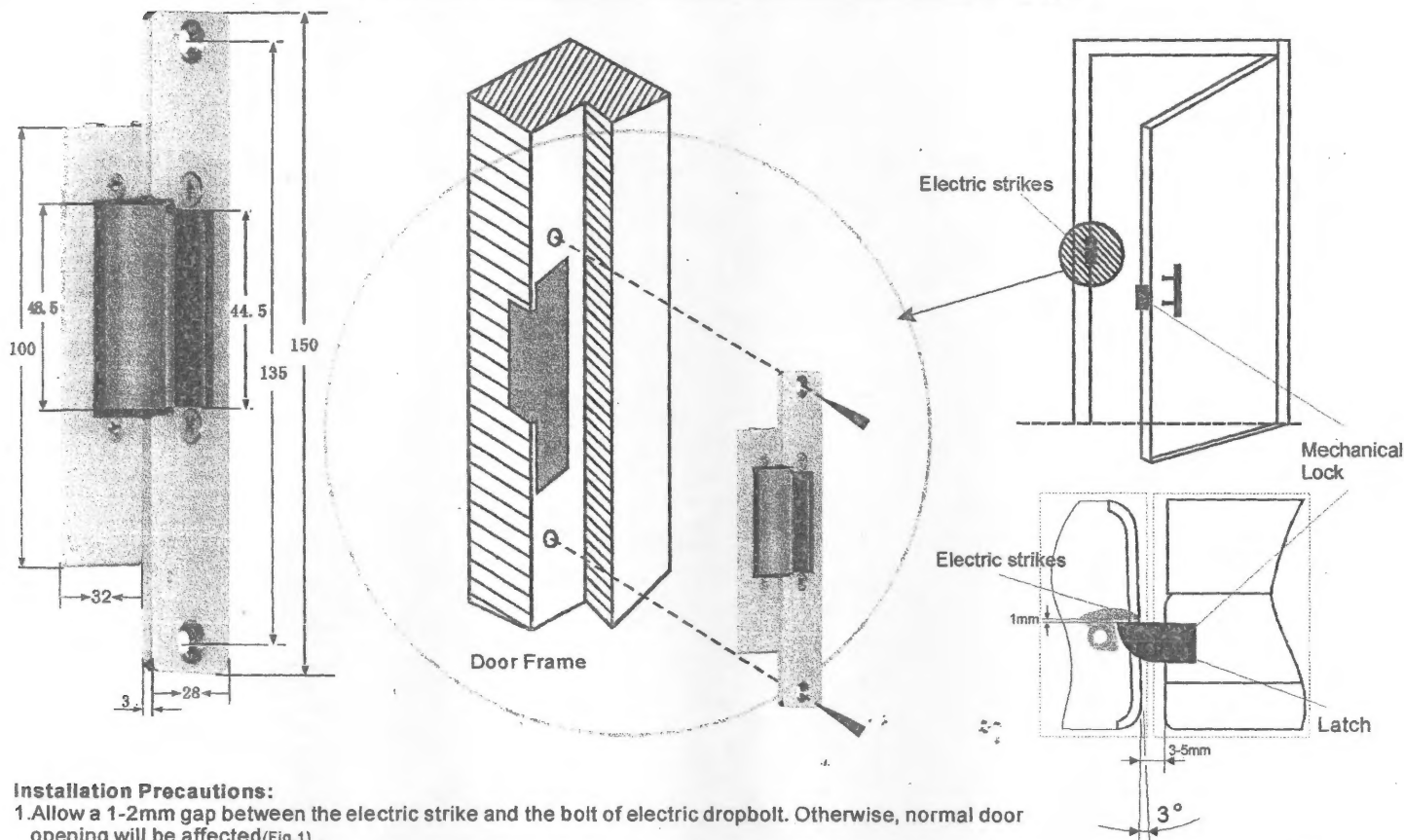


Fig.1

## Installation Precautions:

1. Allow a 1-2mm gap between the electric strike and the bolt of electric dropbolt. Otherwise, normal door opening will be affected (Fig.1).
2. Allow a 3-5mm gap between the electric strike and the face plate of electric dropbolt. Otherwise, smooth door closing will be affected (Fig.1).